

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 86-52

WASTE DISCHARGE REQUIREMENTS FOR:

JAMES IELMORINI DAIRY
SONOMA COUNTY, CALIFORNIA

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board), finds that:

1. James Ielmorini Dairy, (hereinafter called the Discharger), has submitted a report of waste discharge dated December 13, 1985 for reissuance of Waste Discharge Requirements.
2. The dairy farm is located at 2665 Adobe Road in an unincorporated area of Sonoma County, approximately one-half mile northeast of the City limit of Petaluma. A site map showing the dairy farm area is included as Attachment A, which is hereby made a part of this Order.
3. Discharge from the dairy consists of dairy cow wastes and surface runoff during rainfall from the milk barn and corral areas. Discharge is through an open ditch to a series of two retention ponds by gravity. Manure settled at the first pond is cleaned periodically for land disposal. Wastewater disposal is through pumping and spraying on grassland.
4. The retention ponds were designed by the U. S. Soil Conservation Service for a capacity adequate to retain all discharges during a 25-year, 24-hour storm. This criterion is in compliance with the Regulations contained in California Administrative Code, Title 23, Chapter 3, Subchapter 15 "Discharges of Waste to Land".
5. The Board adopted a revised Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region on July 21, 1982. The Basin Plan contains water quality objectives for the Sonoma Valley groundwater basin and Petaluma River.

6. The beneficial uses of the Sonoma Valley groundwater basin include domestic or municipal supply, industrial process supply, industrial service supply and agriculture supply.
7. The beneficial uses of Petaluma River are:
 - ° Water contact and non-contact water recreation
 - ° Wildlife habitat
 - ° Preservation of rare and endangered species
 - ° Marine habitat
 - ° Fish migration and spawning
 - ° Cold and warm fresh water habitat
 - ° Navigation
8. The Discharger and interested agencies and persons have been notified of the Board's intent to revise requirements for the existing discharge and have been provided with the opportunity for a public hearing and the opportunity to submit their written views and recommendations.
9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that the Discharger in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

1. The discharge of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. Pond overflows during a storm event with an intensity less than that of a 25-year, 24-hour storm is prohibited.
3. Disposal of wastewater to areas within 100 feet of any surface impoundments or stream drainage courses is prohibited.
4. No wastewater shall be allowed to escape from the disposal area through surface runoff and/or airborne spray.

5. Wastewater disposal during raining or anticipation of imminent raining period is prohibited.
6. The discharge or disposal of wastes shall not cause the degradation of groundwater or surface water suitable for the beneficial uses defined in findings nos. 6 and 7.

B. Specifications

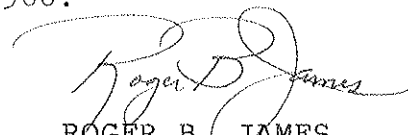
1. A minimum of two feet freeboards shall be maintained in all retention ponds at all times.
2. Check dams shall be installed in areas where runoff may occur to prevent any runoff from leaving the disposal area. All dammed wastewater shall be re-applied to land in a manner complying with requirements of this Order.
3. Lands that have received animal wastes shall be managed to minimize erosion and runoff. Dry manures applied to land shall be incorporated into the soil soon after application.
4. Applications of manure and wastewater to lands shall be at rates which are reasonable for the type of grass and soil.
5. Public access to the waste storage and disposal areas shall be prevented.

C. Provisions

1. The Discharger shall comply with the attached self-monitoring program as ordered by the Executive Officer.
2. This Board's Order No. 72-68 adopted on September 26, 1972 is hereby rescinded.
3. The Board will review this Order periodically and may revise the requirements when necessary.
4. The Discharger shall file with the Regional Board a report of waste discharge at least 180 days before making any material change or proposed change in the character, location, or volume of the discharge.

5. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the Discharger, the Discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to this Board.
6. The Discharger shall permit the Regional Board or its authorized representative in accordance with California Water Code Section 13267(c):
 - a. Entry upon premises in which an effluent source is located or in which any required records are kept,
 - b. Access to copy any records required to be kept under terms and conditions of this Order,
 - c. Inspection of monitoring equipment or records, and
 - d. Sampling of any discharge

I, Roger B. James, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on July 16, 1986.


ROGER B. JAMES
Executive Officer

Attachments:

- A. Site Map
- B. Self-Monitoring Program

Wastewater Disposal Area

Manure Disposal Area

Creek

Pond # 2

Pond # 1

Milk Barn

Corral

Open Ditch

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

Attachment A
James Ielmorini Dairy
Site Map

DRAWN BY: ETH DATE: 2/14/86 DRWG. NO.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

James Ielmorini Dairy
Sonoma County

NPDES NO. _____

ORDER NO. 86-52

CONSISTS OF

PART A

EFFECTIVE DATE July 16, 1986

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

1. GENERAL

Reporting responsibilities of waste discharges are specified in Sections 13255(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

- a. To document compliance with waste discharge requirements and prohibitions established by this Regional Board.
- b. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

2. SCHEDULE OF OBSERVATIONS

The Discharger shall inspect the retention ponds and waste disposal areas and record the following observations in accordance with the time schedule given:

- a. Monthly, record the height of the freeboards at lowest point of dikes in all retention ponds.
- b. Monthly, look for evidence of surface runoff and/or erosion in the waste disposal areas.

3. REPORTS TO BE FILED WITH THE REGIONAL BOARD

a. Violation of Requirements

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (1) maintenance work, power failures, or

- (2) accidents caused by human error or negligence, or
- (3) other causes such as acts of nature,

the Discharger shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problem from recurring.

b. Self-Monitoring Reports

Written reports shall be filed quarterly by the use of the attached reporting form and submitted by the fifteenth day of January, April, July and October of each year. The reports shall be comprised of the following:

(1) Letter of Transmittal

A letter transmitting self-monitoring reports should accompany the reports if violations occurred during the reporting period. Such a letter shall include a discussion of requirement violations found and actions taken or planned for correcting violations.


(2) Observation Results

Observations made in 2.a, and 2.b, including dates and times of observations.

I, Roger B. James, Executive Officer, hereby certify that the foregoing self-monitoring program:

1. Has been developed in accordance with the procedures set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 86-52.
2. Is effective on the date shown below.

3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.


ROGER B. JAMES
Executive Officer

Effective Date July 16, 1986

Attachment: Reporting Form

JAMES IELMORINI DAIRY
2665 Adobe Road
Petaluma, CA 94952
(707) 763-1127

DATE:

Executive Officer
California Regional Water Quality
Control Board
San Francisco Bay Region
1111 Jackson St., Rm 6040
Oakland, CA 94607

RE: Quarterly Self-Monitoring Report

	<u>Date/Time</u>	<u>Pond #1</u>	<u>Pond #2</u>	<u>Spare Pond</u>
FREEBOARD	_____	_____	_____	_____
HEIGHT (FT)	_____	_____	_____	_____
	_____	_____	_____	_____

	<u>Date/Time</u>	<u>Wastewater Disposal Area</u>	<u>Manure Disposal Area</u>
SURFACE RUNOFF	_____	_____	_____
and/or Erosion?	_____	_____	_____
	_____	_____	_____

* Any problems or violations and corrective measures are to be discussed below.

Discussion

Please describe in detail below any condition or event that has caused or poses a potential threat to compliance with your requirements. Use sketches as appropriate, to clearly define problem areas.

Problem areas or violations (actual or potential):

Corrective measure taken or planned (with schedule):

I, under penalty of perjury, certify that I am familiar with the report and that to the best of my knowledge, the report is true and correct.

Signed _____